What is claimed is:

- 5 1. A pointing device comprising:
 - a housing:
 - a displacement signal generator installed in the housing for generating displacement signals; and
 - an input panel installed on the housing for inputting image
 data;
 - wherein the image data inputted to the input panel will be transmitted to a computer to perform an identification process.
- 15 2. The pointing device of claim 1 being a mouse.
 - The pointing device of claim 2 wherein the displacement signal generator comprises a roller installed at bottom of the housing for generating displacement signals.
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- 4. The pointing device of claim 1 wherein the displacement signal generator comprises a track ball installed at a top end of the housing for generating displacement signals.
- 25 5. The pointing device of claim 1 further comprising a button installed on the housing for generating button signals.